CHAPEL.

Sam ' Sloan, Arch's Piule

## REPORT

OF THE

# BOARD OF MANAGERS

OF THE

# Hospital of the Protestant Episcopal Church

IN

## PHILADELPHIA,

TO THE CONTRIBUTORS AT THEIR ANNUAL MEETING, HELD

JANUARY 3d, 1860.

Together with an Abstract of the Cases and the Accounts of the Treasurer and Steward.

ALSO, PLANS OF NEW BUILDING.

AND AN ARCHITECTURAL DESCRIPTION.

#### PHILADELPHIA:

KING & BAIRD, PRINTERS, No. 607 SANSOM STREET. 1860.



#### BOARD OF MANAGERS

OF THE

# Yospital of the Protestant Episcopal Church

IN PHILADELPHIA.

## RT. REV. BISHOP POTTER,

PRESIDENT EX-OFFICIO.

Term of services expiring January, 1861.

Rev. J. P. B. WILMER, D.D., 229 South Eighteenth Street.

"A. H. VINTON, D.D., 1705 Locust Street.

JOHN C. CRESSON, 1702 Summer Street.

MARSHALL HILL, 1506 Arch Street.

JOSEPH A. CLAY, 271 South Fifth Street.

EDWARD H. TROTTER, 1824 Chestnut Street.

E. F. RIVINUS, M.D., 1813 Spruce Street.

Term of services expiring January, 1862.

Rev. H. W. Ducachet, D.D., 1106 Girard Street.

"Henry J. Morton, D.D., 909 Clinton Street.
John W. Kester, 239 Market Street.
Peter McCall, 224 South Fourth Street.
Caspar Morris, M. D., 1435 Spruce Street.
George M. Stroud, Twentieth and Master Streets.
William H. Newbold, 1416 Spruce Street.
George Blight, 1129 Chestnut Street.

Term of services expiring January, 1863.

Rev. M. A. DE Wolfe Howe, D. D., 317 South Eleventh Street. "RICHARD NEWTON, D. D., 412 South Eleventh Street.

"WM. BACON STEVENS, D. D., 913 Clinton Street.
JOHN BOHLEN, N. W. corner Sixth and Walnut Streets.
WILSON C. SWANN, M. D., 1512 Walnut Street.
CLAYTON T. PLATT, 520 Walnut Street.
EDWARD HARTSHORNE, M. D., 1439 Walnut Street.
JOHN WELSH, 1034 Spruce Street.

TREASURER.

GEO. L. HARRISON, Race and Crown Streets.

SECRETARY.

REV. J. A. CHILDS, 524 Walnut Street.

[Persons desiring information concerning the Hospital, or having communications to be sent to it, will address the Rev. J. A. Childs, Episcopal Rooms No. 524 Walnut Street.]



## FINANCE COMMITTEE.

Mr. Newbold, Mr. Hill, Mr. Welsh.

## VISITING COMMTTEES.

#### CLERICAL MEMBERS.

#### LAY MEMBERS.

Jan. 1st to 15th, Rev. Dr. Stevens, 15th to 30th, Rev. Dr. Stevens,	Mr. Hill, Mr. Hill,	Mr. Trotter. Mr. Trotter.
Feb. 1st to 14th, Rev. Dr. Stevens, 14th to 28th,	Mr. Trotter, Mr. Newbold,	Mr. Newbold. Dr. Swann.
Mar. 1st to 15th, 15th to 30th	Mr. Newbold, Dr. Swann,	Dr. Swann. Mr. Welsh.
April 1st to 15th, Rev. Dr. Vinton, 15th to 30th Rev. Dr. Vinton,	Mr. Welsh, Mr. Welsh,	Mr. Clay. Mr. Clay.
May 1st to 15th, Rev. Dr. Vinton, 15th to 30th, Rev. Dr. Howe,	Mr. Clay, Dr. Hartshorne,	Dr. Hartshorne Mr. Blight.
June 1st to 15th, Rev. Dr. Howe, 15th to 30th, Rev. Dr. Howe,	Dr. Hartshorne, Mr. Blight,	Mr. Blight. Mr. Kester.
July 1st to 15th, Rev. Dr. Ducachet, 15th to 30th, Rev. Dr. Ducachet,	Mr. Kester, Mr. Kester,	Dr. Morris. Dr. Morris.
Aug. 1st to 15th, Rev. Dr. Ducachet, 15th to 30th, Rev. Dr. Wilmer,	Dr. Morris, Judge Stroud,	Judge Stroud. Mr. Platt.
Sep. 1st to 15th, Rev. Dr. Wilmer, 15th to 30th, Rev. Dr. Wilmer,	Judge Stroud, Mr. Platt,	Mr. Platt. Mr. McCall.
Oct. 1st to 15th, Rev. Dr. Newton, 15th to 30th, Rev. Dr. Newton,	Mr. McCall, Mr. McCall,	Mr. Cresson. Mr. Cresson.
Nov. 1st to 15th, Rev. Dr. Newton, 15th to 30th, Rev. Dr. Morton,	Mr. Cresson, Mr. Bohlen,	Mr. Bohlen. Dr. Rivinus.
Dec. 1st to 15th, Rev. Dr. Morton, 15th to 30th, Rev. Dr. Morton,	Mr. Bohlen, Dr. Rivinus,	Dr. Rivinus. Mr. Hill.

#### MEDICAL BOARD.

Physicians.

Terms of Service.

Surgeons.

212 S. Eleventh St.

DR. J. A. DA COSTA, January, February, March. DR. WM HUNT, 431 Arch St.

Dr. J. C. Morris, 1435 Spruce St. April, May, June.

Dr. H. E. DRAYTON, 924 Spruce St

Dr. H. HARTSHORNE. July, August, September.

Dr. R. P. THOMAS,

1433 Arch St.

144 N. Twelfth St.

DR. WM. MAYBURRY, October, Nov'ber, Dec'br. DR. R. S. KENDERDINE.

450 N. Sixth St.

Obstetric Physicians.

Dr. J. WILTBANK,

N. E. cor. Seventh & Vine.

January 1 to July 1.

1105 Arch Street. Dr. A. E. STOCKER,

July 1 to January 1.

Walnut Street.

ASSISTANT PHYSICIANS AND SURGEONS.

Assistant Physicians.

Assistant Surgeons.

RICHARD CLEMENTS, M.D.,

Broad and Locust Streets.

G. H. Robinett, M.D.,

1619 Arch Street.

Wм D. Hoyt, M.D.,

N. W. cor. Spruce & Sev'th.

J. V. PATTERSON, M.D.,

101 South Thirteenth St.

RICHARD J. LEVIS, M.D., 523 North Sixth Street.

Т. Н. Васне, М. D.,

Spruce and Juniper Streets.

A. Douglass Hall, M.D.,

828 Walnut Street.

JOHN H. BRINTON, M.D,

1423 Spruce Street.

Jos. T. K. VAN PELT, M.D., 1031 Chestnut Street.

Acting Chaplains.—Rev'ds S. Tweedale, and J. A. Childs.

Resident Physicians.

BLENCOWE E. FRYER, M.D.

HENRY L. TILTON, M.D.

Superintendent.

S. R. KNIGHT.

### NINTH ANNUAL MEETING OF CONTRIBUTORS.

#### Tuesday, January 3d, 1860.

At a meeting of the contributors to the Hospital of the Protestant Episcopal Church in Philadelphia, held this day, pursuant to the charter, at the Office 524 Walnut Street, ISAAC NORRIS, Esq., was called to the Chair, and Dr. Kenderdine was appointed Secretary.

The Report of the Board of Managers, together with the annual statements and accounts, was presented, and referred to the same Board for publication.

The following gentlemen were elected Managers for a term of three years, to supply the places of those whose terms expired this day:

REV. M. A. DE WOLFE HOWE, D.D.,
REV. RICHARD NEWTON, D.D.,
REV. WM. BACON STEVENS, D.D.,
JOHN BOHLEN,
WILSON C. SWANN, M.D.,
CLAYTON T. PLATT,
EDWARD HARTSHORNE, M.D.,
JOHN WELSH.

On motion,

Resolved, That the contributors congratulate the Board upon the prospect of the realization of their wishes in the speedy erection of a new building; and recommend that the plans of the grounds and building, with the elevation, adopted by the Managers, be engraved and prefixed to the Annual Report, when it shall be printed, together with a description by the architect; and further express their hopes that the community will contribute with renewed interest and alacrity, to the entire completion of the benevolent objects of the Board.

On motion adjourned.

ISAAC NORRIS, Chairman.

R. S. KENDERDINE, Secretary.

# EIGHTH ANNUAL REPORT.

December 29th, 1859.

TO THE CONTRIBUTORS:

In presenting their Eighth Annual Report, the Managers would express their humble gratitude to an evermerciful Providence for the measure of success which has attended the progress of the Hospital during the past year.

Although the usual restrictions, arising from the limited funds at their disposal, have been encountered, and not-withstanding a temporary threatening of embarrassment, in consequence of the sudden death of an important officer, the practical usefulness of the Institution, as shown by the statistical returns, has steadily increased. The permanent means and appliances for remedial purposes, in the shape of books and instruments, have been materially augmented also; and the heretofore uncertain prospect in regard to the erection of a proper hospital edifice, has been changed at last into a gratifying fulfilment of their long cherished hope.

The whole number of inmates, under treatment in the course of the year, was three hundred and eighty-seven (387), of whom three hundred and sixty-four have entered since the first day of January, 1859.

The daily average number of patients in the house was twenty-six (26), and the average term of residence, about twenty-two days (22). In addition to the patients in the wards, some four thousand (4,000) out-patients have been

prescribed for and attended to in the house, or at their own homes.

We thus find a growth in numbers over that of the previous year, to the extent of fifteen, among the inmates, and over five hundred among the out-patients. Although the average number of daily occupants of the wards was only twenty-six, being one less than in the previous year, the largest number at one time in the house was fortyeight, or twelve more than at any period of the previous year. And, as the average term of residence of twentytwo days was one week shorter than in the preceding year, we may infer that the charity has been administered more nearly to its ultimate capacity than ever before, under the peculiar circumstances of the hospital; and that the rapid succession of cases, due to the large proportion of curable patients entering, has secured the greatest amount of good to the largest number of sufferers, by the speedy return of the most of these temporary invalids to their families in renewed health and usefulness.

The worst cases have, as hitherto, been chiefly the result of the casualties occurring among the working people of the neighboring factories, and the new buildings in course of erection; but among them we have again to notice a considerable proportion coming from the very large laboring population of the district in the midst of which the hospital is placed, as well as a smaller proportion of the victims of the numerous railroads of that quarter of the city.

We refer to these several sources of demand upon the aid afforded by our institution, as we have already, again and again, solely for the purpose of reminding the well disposed in all parts of our Commonwealth, and especially the charitable residents of our city, of the pressing importance of forwarding the progress of a good work which is so manifestly needed on the spot selected as the per-

manent centre of its operations; and we would call upon them with increasing urgency, now that the prospect is so near, of a more inviting object of philanthropy in the completion of an adequate hospital building, not to forget the opportunity which is offered, year by year, to extend a Christian hand toward the support of this place of refuge for their brethren and sisters in distress.

The Committee of the Board appointed to collect additional contributions to the Building Fund, have been enabled by the munificence of a small number of subscribers, to secure a sufficient amount, (\$100,000 with the prospect of considerable addition within the coming year), to justify the commencement of the work of building as soon as the season may permit.

The duty of preparing plans of the new edifice was confided to a "Building Committee," consisting of nine members of the Board, and the Treasurer of the hospital; but not until the entire Board had met in committee of the whole on four successive evenings, and had examined with great care several plans which were gratuitously submitted to them by accomplished architects, and other gentlemen, who had made hospital construction the subject of especial study. Among these plans, that of Mr. Sloan appeared most nearly to accord with the views of a large majority of the managers; and the Building Committee were thereupon authorized to employ Mr. Sloan to mature plans, under their direction, to be finally considered by the Board. These plans have been determined by the Committee, with the efficient aid of Mr. Sloan, and reported to the Board, after a careful study of the whole subject, and a close inquiry into all the questions of theory and practice supposed to be involved in the construction of a general hospital. The result of these various deliberations has been the adoption by the Board, of the plans and elevations recommended by the Committee

and engraved and described in this report as prepared by Mr. Sloan. The latter gentleman, having shown his thorough competency and having, without any previous understanding on the subject, although already virtually engaged, volunteered to undertake the duty of architect on extremely liberal terms, he has been definitely employed for that purpose.

Having gone thus far toward the accomplishment of an enterprise which they have urged as one of paramount necessity for years past, the managers earnestly hope that the contributions which have encouraged them to begin their gratifying task may be speedily increased to such an extent as to enable them not only to finish the work without delay, but to add to the endowment fund of the Institution; in order to provide means for the treatment of the larger number of applicants who are now daily turned away, but who may be readily accommodated in the spacious wards of the contemplated building.

Among the contributions already mentioned, the Managers are happy to acknowledge the gift of ten thousand dollars, presented by a lady of this city, to be appropriated to the erection of a hospital chapel, as a tribute to the memory of a deceased relative. They have also the pleasure to announce the transfer, by another lady of Philadelphia, of a legacy of ten thousand dollars, as an endowment of the Chaplaincy of the Hospital; and the bequest by a third lady (now deceased) of this city, of fifteen thousand dollars, ten thousand of which are included in the additional Building Fund.

Besides these generous donations and bequests, they are indebted to several friends for valuable presents of books and clothing for the patients, and various other articles; and, above all, to Mrs. Thomas D. Mütter, for the gift of the large and excellent collection of surgical instruments, and of a considerable portion of the profes-

sional library belonging to the estate of her late distinguished husband, Dr. Mütter.

Although the year has been marked with signal evidence of increasing prosperity in the general concerns of the Hospital, we have had to lament some serious personal bereavements. The first of these occurred in the sudden death of our late worthy superintendent, Mr. Greatham, in whose decease the Board have lost an efficient and zealous officer and much esteemed coadjutor.

Not many weeks subsequently occurred the equally unexpected departure of our late valued and venerated colleague, Dr. B. S. Janney, one of the oldest and most active of the managers of the Institution. Dr. Janney was a faithful and earnest attendant on the meetings of the Board, and a frequent and always welcome visitor to the Hospital wards; in both places his great professional experience, sound judgment and unaffected kindness, no less than the cordial and Christian interest he manifested in the affairs of the Hospital, had given him a position among his colleagues which must long continue to be remembered with affectionate regret.

The place of Mr. Greatham, so sadly vacated, was taken, ad interim, by Dr. Grier, then just finishing his term of service as Resident Physician; and the Managers are under obligations to this gentleman for the manner in which he discharged the duties of his temporary post.

Dr. Grier was released from the voluntary office of acting superintendent by the appointment as superintendent, of Mr. S. R. Knight, formerly an officer of the Frankford Asylum for the Treatment of Persons Deprived of Reason, and well qualified for his present situation by previous experience in analogous establishments.

The current expenses of the year have been less, by some five hundred dollars (\$500), than they were in the

year 1858, being not over five thousand dollars (\$5000), for house expenses, and about two hundred (\$200) for outlays required for indispensable improvements and

repairs.

According to this estimate, the average cost of each patient is not over three dollars and thirty cents (\$3 30) per week; which is a reduction on the cost in the last two years. This reduction may be attributed, in part at least, to great economy in providing for the patients' table, although the supplies are as good and abundant as ever, the difference being made up by lower prices and by an increased amount of wholesome vegetable food produced upon the Hospital grounds.

After a faithful and acceptable service of several months, the Rev. Mr. Rudderow was obliged to resign his post of chaplain, and the usual ministrations have been very kindly and efficiently attended to by the Rev. Messrs. Tweedale, of Frankford, and Childs and Hare of the City, who have

visited the Hospital, in turns, from day to day.

We refer to the usual statistics for more detailed information in regard to the financial concerns and to the nature of the diseases, their results, and other matters of interest connected with them. And, in conclusion, we take pleasure in returning our thanks to the several attending and resident officers for the intelligent and faithful performance of their various trying but honorable duties.

Having reached the close of the annual term of service, the Managers, in rendering an account of their stewardship to the contributors, would humbly express the hope that, under the Divine blessing, the lapse of another year may enable them to present a still more encouraging report, especially in regard to the progress towards completion of the new Hospital building.

# REPORT

OF

# CASES TREATED IN 1859.

THE statistics of the Institution show, that during the year 1859, there have been three hundred and sixty-four patients admitted. These, in connection with twenty-three remaining in the Hospital at the time the last report was made, increase the number to three hundred and eighty-seven, (fifteen more than that of 1858.)

Four thousand and fifteen out-door or dispensary cases have been prescribed for and furnished with medicines by the Attending and Resident Physicians, in the Hall of the Hospital, showing an increase of five hundred and fifty-one over those of last year, or more than four times the number that were attended to on the first year (1854,) in which a record was kept of the Dispensary practice.

Of the above number of in-door patients, one hundred and eighty-eight were medical, and one hundred and ninety-nine surgical. Of the Dispensary or out-door cases, two thousand seven hundred and seventy-one were medical, and one thousand two hundred and forty-four surgical.

In the following abstract of the house cases, a number of those in the second and third columns eloped, or were removed by their friends, or were discharged at their own request, before a sufficient time had elapsed for a beneficial result to be obtained from treatment.

# ABSTRACT OF HOUSE CASES.

MEDICAL CASES.	Recovered.	Relieved or 1m- proved.	No Improvem't.	Remain.	Died.	Total.	MEDICAL CASES.	Recovered.	Relieved or Improved.	No Improvem't.	Remain	Died.	Total.
GENERAL DISEASES.							DISEASES OF THE URINARY & GENERATIVE ORGANS.						
Fever, Intermittent Fever, Remittent " Typhoid " Typhus " Measles, Erysipelas, Acute Rheumatism Chronic "	4 6 2 5 7			1 	 3 1 	1 16 4 10 1 2 5 9 4	Albuminuria Nephritis Cystitis Prolapsus Uteri Retroversio " Amenorrhœa Lithiasis Diabetes	1 2 2 1 1			  1		3 1 2 2 2 1
Dropsy	3	1			•••	3 4 1	CIRCULATORY SYSTEM.  Pericarditis Endocarditis Chronic Valvular Dis'e, Aneurism of the Aorta, Anæmia.	1				 1	5 1 2 1
Chronic " Pneumotia Pleurisy Pleuro-pneumonia Pneumo-thorax. Asthma Phthisis	3 3 1		1 1	 2 1	 2 1 	3 6 2 1 3	DISEASES OF THE NER- VOUS SYSTEM.  Hysteria Epilepsy Chorea		1				1 3 2
DISEASES OF THE DIGESTIVE SYSTEM.  Glossitis	1					1 2	Neuralgia. Delirium Tremens. Lead Palsy Cephalalgia. Neuritis Insanity. Paralysis.	3 9 1 1 1					3 12 1 1 1 1 1 3
Diarrhœa., Dysentery Colic Cholera Morbus Dyspepsia Hepatitis Peritonitis	9	2		  1	2	1 3 9 1 2 4 4 2	SKIN DISEASES,  Eczema	1 1					4 2 1 1 1
		1					Total				Ī		188

Skull	SURGICAL CASES.	Recovered.	Relieved or Improved.	No Improvem't.	Remain.	Died.	Total.	SURGICAL CASES.	Recovered.	Relieved or Improved.	No Improvem't.	Remain.	Died.	Total.
	Clavicle Inferior maxilla Humerus Radius Ulna " (Compound). Radius and Ulna Phalanges Ribs Femur " (comp. com.) Tibia " and Fibula " (comp. com.) Elbow Clavicle Included Wounds Lacerated " Punctured " Irritable Ulcer Indolent " Variose Palmar Axillary Pelvic Perinesl (Scrofulous)	1 4 4 4 5 5 2 2 1 1 3 3 4 4 2 2 2 2 3 1 1 1 1 1 2 1 1 0 1 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1 1 2 1 1 1	     	7255214423553443221 20201108223221111	Anthrax Fistula in Ano Contusions Sprains Anchylosis White Swelling Periostitis Caries Necrosis Conjunctivitis " Granular Iritis Burns Scalds Frost bite Tumor, Encysted Ovarian Spinal Curvature Gonorrhea Orchitis Syphilis Aneurism of Axillary Artery, Amaurosis Spermatorrhea Cancer of Penis Synovitis Ozoena Stricture of Urethrs	2 111 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1		   2 1 1  	1	1

Of the foregoing patients-

291 were recovered.
25 were improved or relieved.
7 were without improvement.

33 died, nine of whom were in a dying condition when admitted.

31 remain.

33 were pay patients in part or in full.

239 were charity patients.

115 were recent accidents.

294 were males.

93 were females.
45 were under eighteen years of age.
183 were Protestants.
204 were Roman Catholics.

#### NATIVITY OF PATIENTS.

	1859.	1858.	1857.	<b>1</b> 85 <b>6</b> .	1855.	1854.	1853.
United States	122	105	117	103	72	55	47
Ireland	166	190	152	181	143	169	108
England	49	35	38	31	35	34	12
Scotland	10	8	3	5	3	10	4
Wales	1	0	1	2	0	1	0
Germany	28	24	23	34	22	14	8
Denmark	0	3	1	1	0	3	0
Sweden	0	1	1	0	0	0	0
I'oland	0	1			0	0	0
Other Countries	11	5	1	3	6	3	1
Average numbe	r of patients	s in the hous	e during the	last year		26.25	5
Average numbe							
Greatest numbe							
Least "	44		. •	• • • • • • • • • • • • • • • • • • • •			
Average daily n	umber of p	av natients					2
"	" cl	arity patier	its			12.33	3
64			ts, about				
46		edical cases.		••••••		4.3.00	;
44		rgical cases.		••••••			
44		ales.				00	2
44		msles,	**	• • • • • • • • • • • • • • • • • • • •		0.0"	,
C1: 41 1		20.00					

Since the opening of the house, 2109 cases have been admitted, of these 1793 have been supported at the expense of the institution.

# DISPENSARY CASES.

The following is an abstract of the Dispensary Cases, with their results, as well as could be ascertained.

							ascortamou.						
MEDICAL CASES.	Recovered.	Relie red or Improved.	No Improvem't.	Remain.	Died.	Total.	MEDICAL CASES.	Recovered.	Relieved or Im-	No Improvem't.	Remain.	bied.	Total.
GENERAL DISEASES.							URINARY & GENERATIVE SYSTEM.						
Fever	6 166 27 18 7 10 1 17 39 44 61 21 12		3	    4 1	1  1  1	6 166 27 21 7 11 1 1 18 43 58 74 26 25	Nephritis Cystitis Lithinsis Diabetes Amenorrheea Dysmenorrheea Menorrhagia Leucorrheea Irritable Uterus Prolapsus Uteri Retroversio Uteri CIRCULATORY SYSTEM. Valvular Disease of	16 11 6  40 6 12 16 2 9	3 2 2 10 1 7 3 3	1 4 2 2 1 7	6 1 		16 16 6 3 52 19 13 25 6 20 2
DISEASES OF THE RESPIRATORY ORGANS.  Laryngitis	10 72 240 30 7 1	11 20 		12 		10 83 272 30 7 2	Heart, Pericarditis Endocarditis Hypertrophy and Dilatation, Aneurism of Aorta. Anæmia Scurvy. Varicose veins. Purpura		4 2 10			 1 	19 4 6 18 2 26 3 11 4
Asthma Pneumonia Pleurisy Pleuro pneumonia Phthisis  DIGESTIVE SYSTEM.  Glossitis Stomatitis Thrush Gangræna Oris	1 16 4	10 112	41	12	2  1 18	14 20 52 5 183	Hysteria Cerebritis Meningitis Tubercular Chorea Couvuisions Tetanus Delirium Tremens Epilepsy Nervous Debility Neuralgia	18 18 32	3 7	1	1  2  3	 2 1 2  3 2 1 	5 2 3 2 8 15 2 19 10 18 41
Parotiditis	9 2			2		7 2 11 7	Local Palsy Cephalalgia SKIN DISEASES, ETC.	12 30			- 1		27 30
Tonsilitis Acute Gustritis Chronic " Cardialgia Dyseppsia Enteritis Dysentery Diarrhœa Colic Constipation Intestinal Worms Cholera Morbus Infantum Jarindice Biliary Derangement Peritonitis Cirrhosis of Liver Hepatitis	204 2 55 47 18 49 133 12 35 1 73 2	1 6 6 6 10 12	3	6	  2 2    7	25 2 19 12 268 2 57 55 18 61 152 42 42 179 3	Erythema Urticaria. Lichen. Prurigo. Eczema Herpes Rupia Penuphigus. Impetigo. Acne Sycosis. Porrigo. P-soriasis. Sepia. Pityriasis. Icthyosis Scabies. Accouchement.	12 8 9 4 48 39 4 7 3 4 28 11 2 2  27	2 6 3 2 3		 1 4 2 1 1 1 1 1		12 8 9 5 52 41 4 4 8 8 7 36 14 4 5 1 28 41
		13					Total				-	-1	<del>2771</del>

SURGICAL CASES.	Recovered.	Relieved or Improved.	No Improvem't.	Remain.	Died.	Total.	SURGICAL CASES.	Recovered.	Relieved or Improved.	No Improvem't.	Remain.	Died.	Total.
Fracture of				_	-	_	Foreign body in				_	_	
Clavicle	8					8	Hand	5					5
Seapula				•••		1	Nares	3			•••		3
Humerus	5		••••			5	Eye	2	•••••		•••	• • • •	2
Radius	15			•••		15	Caries	4			•••	•••	4
Ulna	2	] •••••• ,	•••••		•••	2	Necrosis	3	2	1	1		7
Radius and Ulna	14	•••••	•••••	2	•••	16	Morbus Coxarius		3	•••••	1		4
Ribs	9	•••••	•••••	•••	•••	9	Club foot	5		•••••	2		ė
NasaI	1	•••••	•••••	•••	•••	1	Spinal Curvature	5	1	•••••	•••	••••	€
Metacarpus & }	12			1		13	Anchylosis	4 7	4	•••••	1	•••	12
Phalanges, 5	1			i	,	1	Scrafulous Opthalmia Conjunctivitis	27	-4	•••••	1		27
Patella	î		•••••		•••	î	Granular	7	2				- 9
Tibia	$\frac{1}{2}$			ï		3	Iritis	6	ļ <i>~</i>		ï		7
Dislocations	10					10	Corneitis	4			î		5
Ineised Wounds	28					28	Cataract	3					9
Lacerated "	27			2		29	Sclerotitis	5					5
Contused "	12			1		13	Amaurosis		1	1			2
Punetured "	5		•••••			5	Fistula Lachrymalis	1	1				2
Poisoned "	6		• • • • • • •	2		8	Vaccinations	154					154
Tumors	6			2	•••	8	Elongated Uvula	4		• • • • • • • • • • • • • • • • • • • •	1		- 5
Abscess	24	• • • • • • •	• • • • • • •	1		25	Ganglion		2	•••••	•••	•••	2
Axillary	5	•••••	•••••	•••	•••	5	Synovitis	5	•••••		•••	•••	5
Mammary	8	•••••	•••••		•••	8	Cancer			6	-	•••	9
Palmar Scrofulous	6	•••••	•••••	2		8 4	Gonorrhea	18		•••••	$\frac{1}{2}$	•••	$\frac{19}{26}$
Irritable Ulcer	19	•••••	•••••	$\frac{1}{2}$	•••	21	Syphilis	24	• • • • • • • • • • • • • • • • • • • •	•••••	2		1
Indolent "	21			1	•••	22	Varicocele	3			1		4
Varicose "	5			1	***	5	Orchitis	10			2		12
Toe-nail "	2					2	Hydrocele	2					2
Specifie "	3					3	Bubo	15			1		16
Extraction of Teeth						326	Stricture of the Urethra	3	2	1			•
Parenychia	36			1		37	Spermatorrhœa	1					1
Furunculus	5					5	Hemorrhoids	29	8	1	2		40
Anthrax	8			2	•••	10	Prolapsus Ani	2					2
Frost-bite	7					7	Fistula in Ano	2					2
Burns	21			1	•••	22	Fistula in Perineo	5		•••••	3		8
Contusions	46		• • • • • • • • • • • • • • • • • • • •		•••	46	Hernia	7			2	•••	Ĝ
Sprains	34		•••••	1	•••	35	Nasal Polypus	4	•••••	•••••		1	4
Otalgia	7	1	•••••	•••	•••	8	Torticollis	3	•••••	•••••		• • • •	10
Otorrhœa	7 2			•••	•••	7	Tumors	11	•••••	•••••	1		12
GoitreOzœna	2	3	2		•••	7	Concussion of Brain	4		•••••	•••	1	5 1
Foreign body in	2	,	•••••	1	•••	10	Rickets	•••••	$\begin{vmatrix} 1\\1 \end{vmatrix}$		1	•••	2
Larynx	1			13		1	Excoriated Nipples	5			2	•••	7
Ear	3		•••••	***	•••	3	EZOUTATEU Nippies	0	•••••				
	9		*****	•••	•••	U	Total						1244

The Dispensary cases number	
Total	

Fourteen thousand and seventy-five Dispensary patients have been prescribed for since the opening of the House.

BLENCOWE E. FRYER, M. D., HENRY L. TILTON, M. D., Resident Physicians.

1859.		#0.05F	10
	To balance brought from acc't Dec. 31, 1858	$\$2,375 \ 144$	
3,	St. Philip's Church		35
5,	P. McCall, contribution to building fund	50	
11,			
_ ′	" " 1,000 Allegheny 6s, 28 50		
	" " 400 Del. & Rar 6s, 12 00	0.50	-0
40		653	
12,	St. Luke's Newtown, St. Andrew's, Yardleyv'le,  Mrs. Jas. C. Fisher, contribution		$\begin{array}{c} 72 \\ 42 \end{array}$
18,	Mrs. Jas. C. Fisher, contribution		00
21,	Helo. o do. o. x lonor, commission		00
,	Rebecca H. White, "	5	00
24,	Miss C. Biddle, "		00
	Miss C. Biddle, building fund		00
27,	Jas. S. Biddle, contribution	$\frac{20}{5}$	00
Feb'y 3,			00
8,	Jas. Yocum, Sr., " " " Jas. Yocum, Jr., " "		00
22,	Rob't S. Johnson, rec'd through Dr. Kenderdine.	100	
26,	Miss Rumsey, annual subscription for 1859		00
28,	A member of St. Stephen's, through Dr. Ducachet		00
	Eliz. E. Grasby, contrib'n through Dr. Morris		00
	Martha R. Clark, annual subscription		00
	Eliz. R. Clark, " Ephraim Clark, Jr., "		00
	Chas. D. Clark,		50
	R. Neilson Clark, "	$\overline{2}$	50
March 3,			
	tients \$103 00		
	contribution box 1 92	104	02
4,	Mrs. E. Burd, ann'l sub'n through Dr. Ducachet.	$\begin{array}{c} 104 \\ 25 \end{array}$	00
12,		20	
,	giving collection"	105	00
14,	John Rumsey, contribution	10	00
26,			
	Willett		80
	A member of St. Stephen's, by Dr. Swann  Miss E. Robertson, by Dr. Morris		$\begin{vmatrix} 00\\00 \end{vmatrix}$
April 4		100	
7	Chas. Fox,		50
	George Derbyshire "		50
10	Board of Patients, "		50
19.	7		$\frac{12}{2}$
May 26			00
5 5	Ground rent, 6 mo's gr. rent from H. Duhring  John Hockley, annual subscription\$10 00	550	00
_	C. S. Rutter, " 5 00		
	,	15	00
	A	0.4.400	-
	Amount carried forward	\$4,408	181

1859.	/	No.		
Jan'y 2,	By Newbold, Son & Acrtsen, loaned them on	200	<b>50.000</b>	
7,	collaterals	367	\$2,000	
			87	l o
11,		1	37	5
18,	W. D. Greatham, p'd order for current exp's,	368	100	
27,	Do. "	370	150	
Feb'y 3,	Bullock & Crenshaw, " medicines	372	149	
4,		-	~~~	-
·	exp's to 1st Jany		32	9
5,	Thos. Gould, paid order for bread bill	369	30	
9,	Powers & Weightman, p'd order for medic'ns,	371	106	3
10,	S. Smucker, Jr. & Co., "groceries,	373	84	1
11,		374	100	
26,		376	150	
March 3,		377	104	9
4,	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0.7	_
	inst	0.75	37	
	Thos. Gould, paid order for bread bill	375	30	I .
25,	J. S. McCalla, paid bill for print'g circulars,		2	ā
23,		378	100	h
31,	H. C. Howard, paid for 700 prints of Hos-	310	100	1
01,	pital		7	0
April 1,		-	125	
,	Rev. J. A. Childs, paid bill for services, &c.		33	
7,	Thos. Gould, paid order for bread bill	379	31	0
·	Dr. W. P. Grier, Acct'g Sup't, paid order			
	for current expenses	381	150	0
	Do., paid order	380	101	
13,	R. Ferguson, p'd order for carpenter work	382	103	
2.0	W.R. Grier, M.D., "current exp's	383	100	
28,	Do. "	385	100	
May 2,	Thos. Gould, "bread bill	384	32	4.
	Amount carried forward	-	\$4,087	0

# Geo. L. Harrison, Treasurer, in account with

185	9.	14.6	<b>#4.400</b>	0 =
Mon	5	Amount brought forward  To Mrs. C. S. Rutter, ann'l subscript'n 5 00	\$4,408	87
May	,,	George W. Taylor, " 5 00		
		W. H. Trotter, " 25 00		
		E. H. Trotter, " 25 00		
		Jas. M. Aertsen, " 10 00		
		John S. Newbold, " 20 00		
		Wm. Struthers, " 5 00		
	12,	Mrs. Ellen Willing, "by Dr. Odenheimer,	$\begin{array}{c} 95 \\ 20 \end{array}$	(
	16,	Miss Nancrede, " 1859	5	
	17,	Jas. C. Booth, "		00
	Ι,,	Miss Elmslie, " "		00
		Mrs. G. Cadwalader, " "		00
		John Cox, contribution	100	
June	3,	Mrs. John Markoe, annual subscription.	100	
oune	,,,	Miss S. P. Morris, "	5	00
	6,	Newbold, Son & Aertsen—rec'd on account of	o .	00
	υ,	loan, January 12	500	٥٥
		S. R. Knight, rec'd collections from Board	000	"
		of Patients: For patients\$35 50		
		For sundries		
		1 of sundites 40 54	83	84
July	5,	S. R. Knight, rcc'd for board of patients, \$8.57,	00	
ouly	Ο,	horse \$90, produce \$17	115	57
	12,	Interest—rec'd int. on \$21,700 City 6s	623	1 .
	1,	" \$1,000 Allegheny 6s	28	
		" \$400 Del. & Rar. 6s	12	
		" 6 mo's int. on bond & mort. \$3000,		00
	30,	J. H. Gemrig, contribution		00
Aug't		S. R. Knight, board of patients, \$17; proceeds	U	0
2240	٠.,	sale of calf, \$6	23	00
	22,	Interest, 6 mo's on \$3,500 State 5s		12
	,	Miss C. Wetherill, annual subscription		00
	23,	Newbold, Son & Aertsen, rec'd on acc't loan	500	,
	29,			00
	31,	S. R. Knight, rec'd for board of patients		50
Sept.			100	
ecpe.	10,	George Blight, annual subscription		00
Oct'r	6,			00
0001	٠,	K—, contribution		00
	14,	Member of the Church of Our Saviour, Jenkin-	10	100
	<b>-</b> -,	town, by the Rector	50	00
	17,	Newbold, Son & Aertsen, rec'd on account loan.	500	100
	31,	S. R. Knight, board of patients, \$9; contribu-	500	100
	σι,	tion box 22.02	11	V3
Nov'ı	r 1,	tion box, \$2.03	330	$\begin{vmatrix} 03 \\ 00 \end{vmatrix}$
2101 I	ш,			
	24,	Interest—rec'd 6 mo's int. on bond, \$500	10	00
	2°£,		951	00
		cluding \$50 from E. F. Rivinus	251	UU
		Amount carried forward	@0 10n	20
		Amount carried forward	\$8,189	Ju

185	9.		No.	)	
		Amount brought forward		\$4,087	8
May	6,	By Penn a Iuquirer, p'd bill for advertising		12	
	7,	W. P. Grier, M.D., p'd order for current exp's	386	100	0
	13,	North American, paid bill for advertising	l	3	1:
	17,	Wm. Anderson, paid for collecting \$150 an-			
		nual subscription, 5 per ct		7	5
		W. P. Grier, M. D., paid order for bill of			
		microscope	387	40	0
	23,	S.Smucker, Jr. & Co., p'd order for groceries,	388	118	8
	i i	S. R. Knight, "cur. exp's,	390	100	
	28,	Thos. Gould, "bread bill,	389	29	8
	31,	Mrs. W. D. Greetham, paid $4\frac{1}{2}$ mo's salary			Ì
	ĺ	of husband in full to May 15	- 1	187	4
June	6.	S. R. Knight, paid order for current exp's	392	83	
		Do., " " "	391	150	
	15,	Episcopal Reading Room, paid 1 qr.'s rent,			
	ĺ	due 1st inst		37	5
	21,	S. R. Knight, paid order for current exp's	393	100	
	28,	Jas. S. McCalla, bill for adv'g in E. Recorder,			0
	,	Evening Bulletin, "			5
July	2,	Thos. Gould, paid order for bread bill	394	43	
	5,	S. R. Knight, "sundries	395	115	
	- ,	Do. " current exp's	396	100	
	12,	Bullock & Crenshaw," medicines	398	203	
	14,	S. R. Kuight, " current exp's,	399	100	
	25,	S. Smucker, Jr. & Co." groceries	397	98	
	29,	Thos. Gould, "bread bill	401	45	
	30,	J. H. Gemrig, "surgical instr'ts,	400	32	
Aug't		S. R. Knight, " current exp's	402	100	
0	4,	J. A. Childs, paid qr.'s salary and expenses			1
	-,	to July 1st	- 1	25	9
	9,	S. R. Knight, paid order for current exp's	403	100	
	22,	S. P. Hall & Co., " coal bill	405	200	
	23,	S. R. Kuight, " salary	404	75	
	31,	S. R. Kuight, "salary S. R. Knight, "current exp's Enjagonal Reading Room, p'd Lar's rent to	406	150	
Sept.		Episcopal Reading Room, p'd 1 qr.'s rent to	1		
1	,	1st inst	ĺ	37	5
	9,	Thos. Gould, paid order for bread bill	407	32	
	,	S. R. Knight, " current exp's	408	100	
	29,	Do. " " "	410	150	
Oct'r	7,	Do. " "	411	100	
	,	North American, "advertising		1	
	10,	S. Smucker, Jr. & Co." groceries	412	168	
	11,	Thos. Gould, "bread bill	409	34	
		S. R. Knight, "current exp's	413	100	
	29,	Thos. Gould, "bread bill	414	31	
	31,	S. R. Knight, "current exp's	415	150	١
Nov'r		Do. " "	416	100	
	21,	Do. " "	417	75	١
	23,			214	
	,	,1 1 0	-		Ĺ

# Geo. L. Harrison, Treasurer, in account with

1859.		1	1
	. Amount brought forward	\$8,189	30
Nov'r 25,	To Trinity Church, Oxford	184	84
	St. Luke's, Germantown	122	0€
	St. Mary's, West Philadelphia	39	50
	Church of the Saviour, do	45	70
-	Church of the Messiah, Richmond	5	83
	Ascension	16	07
1	St Paul's Church	263	35
26,	Calvary Church	18	
/	Evangelists		00
	Emanuel Church, Holmesburg	23	
ļ	St. Clement's Church	38	
	St. Andrew's Church	150	
	St. James' Church, Pittston		00
}	Grace Church	124	
	Church of Our Saviour, Jenkintown	54	
	Gloria Dei	14	
	St. James' Church	160	
	Church of the Nativity	37	
28,	St. Andrew's, Mantua		00
20,	All Sainte Philadalphia	20	
	All Saints, Philadelphia	32	
29,	St. James, Kingsessing		
	Christ Church, Pottstown	13	
30,	Trinity Church	31	
1	St. Jude's Church.	26	
)	S. R. Knight, board of patients	17	
ec'r 1,	St. Paul's Church, Mantua	12	
	St. Peter's, Phonixville		00
	St. James', Perkiomen		00
ĺ	Christ Church, Germantown	106	
	All Saints, Paradise		62
2,	Redcemer, Lower Merion	10	
_	St. David's, Manayunk	15	9
5,	Christ Church, Brownsville		2
_	St. Paul's, Chester	12	
7,	St. John's, Lancaster		2
9,	St. Peter's Church	175	
12,	Christ Church, Lebanon	13	1
	Offertory of St. Stephen's, by Dr. Ducachet	10	
-	Calvary, Germantown	53	0
	St. Luke's, Altoona		0
	Christ Church, Greensburg		0
	Building fund, for cr. this acc't	152	8
13,	Holy Trinity	257	3
	Christ Church	136	
14,	Calvary, Rockdale	15	
15,	St. Andrew's Church, Yardlevville		5
	St. Luke's Church, Newtown		50
17,	St. Martin's, Marcus Hook		0
	Christ Church, Allegheny City		8
		•	1

Amount brought forward	No.	\$7,757 04
Nov'r 30, Dec'r 3, 7, 9, 12, 12, 19, Epl. Reading Room, 1 qr.'s rent Dec. 1st Francis Falls, paid for stoves and furnaces	419 418 420	150 00 42 28 100 00 1,500 00 37 50 31 52
Amount carried forward	-	\$9,618 34

# Geo. L. Harrison, Treasurer, in account with

1859.			1
	Amount brought forward	\$10,663	23
Dec'r 20,	St. Paul's, Columbia	9	28
22,	Estate Miss Debby Miller, dec'd-rec'd legacy		
	from W. H. Wilson, Ex'r\$600 00		
	Less Coll. Inheritance tax 30 00		
	•	570	00
27,	St. Paul's, Doylestown; Trinity, Centreville		00
	St. John's, Pequea.	8	03
	St. Mark's	135	32
28,	St. Thomas, White Marsh	36	30
29,	Interest—rec'd 6 mo's int. on bond & mort. \$3000,	90	00
1	St. Philip's	150	00
	St. Mark's, Frankford	68	25
30,	Interest rec'd from Newbold, Son & Aertsen, in		
	full	90	26
31,	St. Andrew's, Springville		00
1	Church of the Atonement	89	33
	Dr. Hartshorne, paid for pasture of horse		00
	Board of patients paid by S. R. Knight		00
	Miss Frances Paxson, ann'l subscription, 1859		00
1		\$11,996	00

1859.		No.	}	_
	Amount brought forward		\$9,618	34
Dec'r 22, B	y Newbold, Son & Aertsen, loaned them		1,000	00
	Solomon Alter, paid order for bills for wines			
	and spirits	423	54	50
28,	S. R. Knight, paid order for current exp's	424	150	00
30,	Wright, Hunter & Co., p'd bill for plumbing,		83	75
	Thos. Gould, paid order for bread bill	421	29	05
	Rev. J. A. Childs, paid salary and exp's		53	50
31,	Francis Lightfoot, paid for topographical			
	survey of Hospital Grounds		50	00
	Balance carried to new account		956	86
			\$11,996	00

The undersigned have examined the foregoing account, compared it with the vouchers, and found it correct, and the balance as stated above stands to the credit of the Hospital in the Commercial Bank. They have also examined the evidences of investment of the permanent fund, and find them in order.

WM. H. NEWBOLD, MARSHALL HILL, Committee.

Philadelphia, January 4th, 1860.

Expenditures by the Superintendent of the Hospital of the Protestant Episcopal Church, for the year ending December, 31st, 1859.

MEDICAL DEPARTMENT.		
	\$367 281	
For Medicines	50 00	
Wine, 20 gallons	41 74	
Porter and Ale.	75 36	
Leeches	1 25	
Surgical instruments	82 43	
Splints, bandages, carded cotton, adhesive plas-		
ters, &c	101 49	
Apothecary shop furniture	28 02	
HOUSEHOLD EXPENSES.		\$748 07 <del>1</del>
For Meat, 9629½ pounds	964 53	
Fish	30 58	
Poultry	14 84	
Eggs, 139 dozen	38 87	
Butter, 791½ pounds	204 34	
Lard, 121 pounds	15 17	
Potatoes and other vegetables	55 95	
Fruit, including lemons	15 63	
Bread, including flour, corn meal, &c	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
Cheese	9 95	
Milk	14 5 75	
Sugar, 1782 pounds	35 37	
Tea, 214 pounds	85 17	
Coffee, 163 pounds	20 37	
Arrowroot, Barley, Rice, &c	49 91	
Salt, Mustard, spices, &c	18 37	
Furniture, bedding, &c	326 06	
Lamps, oil, candles, &c	172 93	
Coal, 50 tons	200 00	
Water, plumbing, &c	119 55	
Ice	1 87	
Soap, starch, &c., for laundry	48 61	
Stoves and furnaces	56 <b>2</b> 8	
Stationery and printing.	25 15	
LIVE STOCK.		2993 44
73 1 6 7	0.1.2.00	
Food for horses and cows	216 09	
Shoeing horses, &c Carriages and Harness	$\begin{array}{ccc} 37 & 03 \\ 62 & 20 \end{array}$	
		315 32
Salary of superintendent and wages of servants	1349 54	513 52
Burial fund	42 91	
Garden	13 22	
Farming implements	7 62	
Improvements	207 49	
Repairs	17 94	
Lumber and tools	13 04	
		1650 76
		\$5707 59}
		\$5707 59

Expenses of the Hospital during the past year  Less improvements and repairs	. \$225	43	07 59½
" printing and advertising	. 25	15	50 58
		\$543	57 01성
Less cost of medicines for 4015 dispensary patients at each		ents	01 87 <u>‡</u>
Nett cost of maintaining the Hospital		\$49	55 14
Number of patients under treatment during the year.  Average cost of each patient		387 26	\$12 80
Average cost of each patient per week		20	3 <b>2</b> 5
Number of patients remaining in the Hospital,	Pay.	Charity.	Total.
January 1st, 1859	$\begin{smallmatrix}2\\31\end{smallmatrix}$	21 333	$\begin{array}{c} 23 \\ 364 \end{array}$
Treated during the year	33	354	387
Discharged	33	323	356
Remaining, December 31st, 1859	0	31	31
Average time each patient was under treatment Amount received from 33 pay patients	25	2 days.	377 57
DONATIONS RECEIVED BY SUPERI	INTEN	NDENT.	
From Dr. Hunt, 2 trusses and 1 abdominal supporter Miss Gertrude Janney, 1 extension dining table			

Miss Gertrude Janney, 1 extension dining table.

A large lot of garments for poor patients, from the Dorcas Society,

Emanuel Church, Holmesburg.

14 volumes for patient's library, from a member of Christ Church. Garments from a member of St. Stephen's Church, for poor patients. Dr. S. Weir Mitchell, a valuable collection of books.

Mrs. T. D. Mütter, 20 cases of valuable surgical instruments, also a donation of books, consisting of 150 volumes, for medical library. Dr. Kenderdine, 1 volume of Watson's Practice of Medicine by

Condie, 1 volume of Bell's Surgery, and towels for wards. Dr. Edw. Hartshorne, 2 volumes of Miller's Practice of Surgery.

Mr. E. Bender, a valuable lot of splint boards.

A lady, through Dr. J. C. Morris, 1 dozen new shirts for poor patients. Dr. Hare, a valuable water bed.

Miss B., turkeys and other luxuries for Christmas-day.

Mr. George Blight, a quantity of new posts for boundary fence.

## ARCHITECTURAL DESCRIPTION

OF THE

# PROPOSED HOSPITAL BUILDING.

THE new hospital building will be located on the western half of the property. This is bounded on the north and east by Huntingdon and Fillmore Streets, and on the south and west by Lehigh Avenue and Front Street. The site has an elevation of fifty-eight feet above high water mark, being ten feet higher than the level of Broad and Chestnut Streets, (the highest point of street grade in the old city,) and is believed to be in other respects well adapted to the requirements of an hospital for the sick and wounded.

The Norman style, modified to suit the purpose and character of the edifice, has been chosen as one of peculiar fitness; without adopting the heaviness characteristic of the early stages of this style, its lighter features are employed in such a manner as to give a pleasing effect.

The outline of the building was suggested by the Parisian Hopital Lariboisière, of European celebrity, in which the conveniences and advantages of the parallel pavilions are clearly demonstrated. The attempt has been made here to adapt this principle to the demands of our own climate, and to various other local circumstances and necessities.

The entire building will consist of a group of five pavilions, of which three only are now to be constructed, designated as the centre building and wings, connected with each other by covered corridors; the length of the entire front, thus formed, being two hundred and fifty-eight feet. The depth of the centre building, including the Chapel, is to be about two hundred and fifty-six feet; that of each wing, two hundred feet; and the space between them on each side of the centre, sixty-three feet.

The connecting corridor above alluded to, is to be fifteen feet wide, and will be continued through the pavilions. On the southern side verandahs are to be placed between the pavillions,

with floors corresponding to those of the buildings, so as to afford a pleasant promenade in suitable weather for convalescent patients.

The rear portion of each wing is to be two stories high with an attic, these stories and attics being entirely occupied with wards for patients. The wards in the first and second stories are intended to contain thirty beds each, and the attics fifteen beds.

The front portions of the wings will be, each, three stories high; and are principally intended for the domestic uses of the establishment, including dining rooms, day rooms, scullcries, nurse's rooms, closets, lifts and stairs. They will also contain two smaller wards, one on the first and one on the second story of each wing, and adjoining the nurse's rooms. The whole number of beds provided for, is therefore eighty-seven, being distributed as follows: sixty in the long wards, twelve in the short wards, and fifteen in the attic. In addition to this, provision is made for mania-a-potu and other exceptional cases, for which seven separate rooms are to be arranged in the basements of the front buildings.

The extra rooms of the centre building will accommodate at least twenty-five patients; so that the capacity of the whole building may be set down as over two hundred beds for all classes and descriptions of patients.

Towers, built for the purpose, and placed on the two external angles of each of the two wings, will contain the wash-room, bath-rooms, water-closets and slop-closets belonging to the long wards. These apartments are to be outside of the two ends of the wards, although adjoining them. A reservoir to contain about fifteen hundred gallons of water will be placed in each of the four towers.

The centre building is to be three stories high with a basement, open area and cellar, the stories being fifteen feet high in the clear; each floor to be on a level with those of the wings.

The kitchen and store-rooms of different kinds, will occupy the basement. The stories above these are intended for administration purposes, and other requirements of the Managers and Officers, in the front portion, and for the operating theatre and patient's rooms in the rear; an attic over the whole being arranged for patients or domestics, as may be most suitable. On the rear, and adjoining the centre building, is to be the Chapel. This will seat about three hundred and fifty persons on the floor, and about a hundred in the galleries, and may be entered from the wings, through the first and second stories of the centre building. The style of this Chapel will so far deviate from the Norman, as to be properly termed early English merging into the Perpendicular, being an intentional variation from the general style of the edifice.

The fire places of the long wards are to be placed in the four angles, having about six feet breasts with openings four feet high; these to be finished with basket grates suspended above the hearth. The several flues from the fire-places will discharge into vertical shafts behind them at or about a point on a level with the attic floor. These shafts are to be of cylindrical form and three feet diameter. The long wards will be ventilated by flues distributed along their side walls. These are to be of sufficient number, with their openings at different heights, so as to insure complete ventilation at all temperatures; ascending separately to the attic floor they discharge into a longitudinal main duct, which in turn will discharge into the vertical shaft above alluded to. These ducts are to be partitioned in the centre and so constructed as to enlarge from this centre in each direction, in a ratio proportionate to the capacity of the flues, discharging into each corresponding half; and hence, at the points of intersection with these shafts, will equal the aggregate capacity of the ventilating flues. Each of the vertical shafts will contain a coil of steam pipe near its summit or point of connection with the horizontal duct; and at this point it will be partitioned from its lower portion, which will serve as a receptacle of the various ascending pipes required for other purposes. Through these ascending shafts, the pipes of every description will be easily accessible, and the liability to damage from leaks may also be avoided. The coils of steam pipe placed as abovementioned, together with the connecting pipe, which will extend through the horizontal ducts close to the mouths of the vertical flues, are intended by rarefying the air and thus creating an upward current, to facilitate the ventilation. As a smooth solid surface greatly improves the draft, the ventilating flues and

ventiducts are to be built with open fronts smoothly plastered with hard finish, and afterwards cased with slate.

The whole building is to be warmed by steam. This will be generated by two tubular boilers placed in an out building near one corner of the lot. The kitchen, baths, circulating boilers and the coils within the vertical shafts, are to be supplied from the same source, the whole system being so arranged that the condensed steam will return to the boilers.

One boiler only will be required for summer use, and a separate pipe will be attached to this single boiler for the conveyance of steam to the kitchen, baths and ventilating shafts, independent of those intended for warming purposes. The reservoirs already spoken of will be placed at an elevation above that of the upper floor of the centre building. The connecting pipes of these are to be placed in a trench provided under each pavilion for the reception of all the pipes; an arrangement which, like that of the ascending shafts, renders them readily accessible. The reservoirs will be supplied by a force pump, which, with the machinery in the laundry, will derive its motive power from the boilers described above.

All the exterior walls are intended to be rubble work, of stone selected with reference to its architectural fitness and durability. The roofs will be of slate, that of the Chapel to be varied in form from that on the other portions of the building.

A correct, general idea of the proposed building may be derived from the foregoing brief description, although many important details have been purposely omitted. A full enumeration of these would inconveniently swell this description; and yet all are essential to the completeness of the design and of the interior arrangements.

Every precaution has been taken to present a cheerful aspect and to avoid the obstruction or stagnation of air. All the rooms, closets and passages, large and small, as well as the wards and corridors, are so arranged and connected as to be invariably well lighted and ventilated; so that not a dark or close hole or corner will be found in the whole structure. For the same purpose, the wards and ward pavilions, the operating room and the Chapel have all been so placed as to be exposed to the greatest amount of sunshine throughout the day, and to the

free play of prevalent summer winds. In this manner it is hoped that the proposed edifice may combine the largest number of advantages with the fewest disadvantages, in its practical adaptation to the great end in view, of providing the greatest amount of health-restoring influences and the greatest facility of administration, in a general hospital.

























